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Attorney Docket Nos. 10082US14; DN37998XG

DECLARATION FOR PATENT APPLICATION

As a below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HIERARCHICAL DATA COLLECTION NETWORK SUPPORTING PACKETIZED VOICE COMMUNICATIONS AMONG WIRELESS TERMINALS AND TELEPHONES**, the specification attached herewith, or as filed on October 5, 1995 as Application No. 08/539,817.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

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| <u>08/487,609</u> (Application No.) | <u>06/07/95</u> (Filing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>08/279,148</u> (Application No.) | <u>07/22/94</u> (Filing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>PCT/US94/05037</u> (Number) | <u>PCT</u> <u>May 6, 1994</u> (Country) (Day/Month/Year/Filed) | <u>X</u> Yes <u> </u> No |
| <u>08/236,413</u> (Application No.) | <u>04/29/94</u> (Filing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>08/198,404</u> (Application No.) | <u>02/22/94</u> (Filing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>08/198,452</u> (Application No.) | <u>02/18/94</u> (Filing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>08/197,386</u> (Application No.) | <u>02/16/94</u> (Filing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>PCT/US93/12628</u> (Number) | <u>PCT</u> <u>December 23, 1993</u> (Country) (Day/Month/Year/Filed) | <u>X</u> Yes <u> </u> No |
| <u>08/168,478</u> (Application No.) | <u>12/16/93</u> (Filing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>08/147,377</u> (Application No.) | <u>11/03/93</u> (Filing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>08/101,254</u> (Application No.) | <u>08/03/93</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
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| <u>08/062,457</u> (Application No.) | <u>05/11/93</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>08/027,140</u> (Application No.) | <u>03/05/93</u> (Filing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>07/997,693</u> (Application No.) | <u>12/23/92</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
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| <u>07/467,096</u> (Application No.) | <u>01/18/90</u> (Mailing Date) | <u>Patented</u> (Status-patented, pending, abandoned) |
| <u>08/275,821</u> (Application No.) | <u>06/10/94</u> (Mailing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |

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| <u>08/267,758</u> (Application No.) | <u>07/05/94</u> (Mailing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>07/876,776</u> (Application No.) | <u>04/28/94</u> (Mailing Date) | <u>Pending</u> (Status-patented, pending, abandoned) |
| <u>07/854,115</u> (Application No.) | <u>03/18/92</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>07/558,895</u> (Application No.) | <u>07/25/90</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
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| <u>07/305,302</u> (Application No.) | <u>01/31/89</u> (Mailing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
| <u>07/748,150</u> (Application No.) | <u>08/21/91</u> (Mailing Date) | <u>Patented</u> (Status-patented, pending, abandoned) |

We hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, the following:

| | |
|------------------------|-----------------|
| George P. McAndrews | Reg. No. 22,760 |
| John J. Held, Jr. | Reg. No. 21,061 |
| Timothy J. Malloy | Reg. No. 25,600 |
| William M. Wesley | Reg. No. 26,521 |
| Lawrence M. Jarvis | Reg. No. 27,341 |
| Robert C. Ryan | Reg. No. 29,343 |
| Gregory J. Vogler | Reg. No. 31,313 |
| Donald J. Pochopien | Reg. No. 32,167 |
| Herbert D. Hart III | Reg. No. 30,063 |
| Robert W. Fieseler | Reg. No. 31,826 |
| Jean Dudek Kuelper | Reg. No. 30,171 |
| D. David Hill | Reg. No. 35,543 |
| Donald P. Reynolds | Reg. No. 26,220 |
| Thomas J. Wimbiscus | Reg. No. 36,059 |
| Steven J. Hampton | Reg. No. 33,707 |
| Alejandro Menchaca | Reg. No. 34,389 |
| Priscilla F. Gallagher | Reg. No. 32,223 |
| Robert B. Polit | Reg. No. 33,993 |
| George Wheeler | Reg. No. 28,766 |

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|-------------------------|-------------------|
| Christopher C. Winslade | Reg. No. 36,308 |
| John S. Artz | Reg. No. 36,431 |
| Gregory C. Schodde | Reg. No. 36,668 |
| Edward A. Mas | Reg. No. 37,179 |
| Patrick J. Arnold | Reg. No. P-37,769 |

(Of McAndrews, Held & Malloy, Ltd., Suite 3400, 500 West Madison Street, Chicago, Illinois 60661; Telephone (312) 707-8889.)

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| Van Metre Lund (Of Northbrook, Illinois) | Reg. No. 16,968 |
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| R. Lewis Gable (Of 2001 Jefferson Davis Highway, Arlington, VA 22202) | Reg. No. 22,479 |
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|-----------------|-----------------|
| John H. Sherman | Reg. No. 16,909 |
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| Winfred O.E. Schellin (Of Cedar Rapids, Iowa) | Reg. No. 25,916 |
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| Sean Patrick Suiter (of Omaha, NE) | Reg. No. 34,260 |
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| H. Robert Henderson (Of Des Moines, IA) | Reg. No. 18,486 |
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| Michael O. Sturm (Of Des Moines, IA) | Reg. No. 26,078 |
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|---------------------------------------|-----------------|
| John E. Cepican (Of Davenport, IA) | Reg. No. 26,851 |
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| Richard L. Fix (Of Des Moines, IA) | Reg. No. 28,297 |
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| William H. Wright (Of Washington, D.C.) | Reg. No. 26,424 |
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|---------------------------------------|-----------------|
| Harold M. Knoth (Of Davenport, IA) | Reg. No. 14,469 |
|---------------------------------------|-----------------|

Address all telephone calls to William M. Wesley at telephone number (312) 707-8889, and

Address all correspondence to:

McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, Illinois 60661

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor
(given name, family name):

JOSEPH J. KUBLER

Inventor's signature: _____

Joseph J. Kubler

Date: Dec., 1995

Residence: Boulder, CO 80301

Citizenship: USA

Post Office Address: 4264 Redwood Place
Boulder, CO 80301

Full name of second joint inventor

(given name, family name): MICHAEL D. MORRIS

Second Inventor's signature: _____

Michael D. Morris

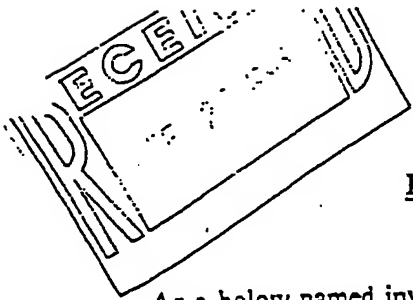
Michael D. Morris

Date: 12/21/95

Residence: Cedar Rapids, Iowa 52403

Citizenship: USA

Post Office Address: 335 Trailridge Rd. S.E.
Cedar Rapids, Iowa 52403



Attorney Docket Nos. 10082US14; DN37998XG

DECLARATION FOR PATENT APPLICATION

As a below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HIERARCHICAL DATA COLLECTION NETWORK SUPPORTING PACKETIZED VOICE COMMUNICATIONS AMONG WIRELESS TERMINALS AND TELEPHONES**, the specification attached herewith, or as filed on October 5, 1995 as Application No: 08/539,817.

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| <u>PCT/US93/12628</u> (Number) | <u>PCT</u> (Country) | <u>December 23, 1993</u> (Day/Month/Year/Filed) <u>X</u> Yes <u> </u> No |
| <u>08/168,478</u> (Application No.) | <u>12/16/93</u> (Filing Date) | <u>Abandoned</u> (Status-patented, pending, abandoned) |
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| Van Metre Lund (Of Northbrook, Illinois) | Reg. No. 16,968 |
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| R. Lewis Gable (Of 2001 Jefferson Davis Highway, Arlington, VA 22202) | Reg. No. 22,470 |
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| John H. Sherman | Reg. No. 16,909 |
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| Winfred O.E. Schellin (Of Cedar Rapids, Iowa) | Reg. No. 25,916 |
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Full name of first joint inventor
(given name, family name):

JOSEPH J. KUBLER

Inventor's signature:

Joseph J. Kubler
Joseph J. Kubler

Date: Dec. 21, 1995

Residence: Boulder, CO 80301

Citizenship: USA

Post Office Address: 4264 Redwood Place
Boulder, CO 80301

Full name of second joint inventor

(given name, family name): MICHAEL D. MORRIS

Second Inventor's signature: _____

Michael D. Morris

Date: _____

Residence: Cedar Rapids, Iowa 52403

Citizenship: USA

Post Office Address: 335 Trailridge Rd. S.E.
Cedar Rapids, Iowa 52403

Attorney Docket No.: 14364US01

Previous Docket No.: DN 37998XGB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Joseph J. Kubler

Michael D. Morris

Serial No.: 10/141,506

Filed: May 8, 2002

For: Hierarchical Data Collection Network
Supporting Packetized Voice
Communications Among Wireless
Terminals And Telephones

Examiner:

Group Art Unit: 2661

Conf. No.: 8070

POWER OF ATTORNEY BY ASSIGNEE OF
ENTIRE INTEREST, REVOCATION OF PRIOR POWERS
AND CHANGE OF CORRESPONDENCE ADDRESS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sirs:

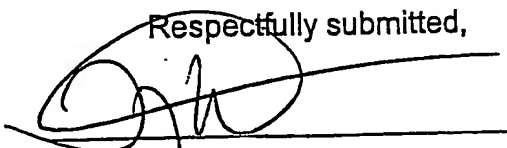
We enclose a Power of Attorney by Assignee of Entire Interest, Revocation of Prior Powers and Change of Correspondence Address, and an Assignee Statement Under 37 C.F.R. §3.73(b).

Please charge any required fees or credit any overpayments to the deposit account of McAndrews, Held & Malloy, Ltd. Account No. 13-0017.

Date:

5/2/03

Respectfully submitted,


Timothy L. Harney
Reg. No. 38,174

McANDREWS, HELD & MALLOY, LTD.
500 West Madison Street
Suite 3400
Chicago, Illinois 60661
(312) 775-8000

We, Broadcom Corporation, are the assignee of record in all the patents/patent applications identified in Exhibits A and B, which are attached hereto and incorporated herein in their entirety. As assignee of record of the entire interest of the identified patents/patent applications, we hereby revoke all powers of attorney previously given in such patents/patent applications, and appoint the following attorney(s) and/or agent(s) to prosecute and transact all business in the Patent and Trademark Office connected with such patents/patent applications.

| | |
|---------------------------|-----------------|
| George P. McAndrews | Reg. No. 22,760 |
| John J. Held | Reg. No. 21,061 |
| Timothy J. Malloy | Reg. No. 25,600 |
| William M. Wesley | Reg. No. 26,521 |
| Lawrence M. Jarvis | Reg. No. 27,341 |
| Gregory J. Vogler | Reg. No. 31,313 |
| Jean Dudek Kuelper | Reg. No. 30,171 |
| Herbert D. Hart III | Reg. No. 30,063 |
| Robert W. Fieseler | Reg. No. 31,826 |
| Thomas J. Wimbiscus | Reg. No. 36,059 |
| Steven J. Hampton | Reg. No. 33,707 |
| Priscilla F. Gallagher | Reg. No. 32,223 |
| Stephen F. Sherry | Reg. No. 30,590 |
| Patrick J. Arnold Jr. | Reg. No. 37,769 |
| George Wheeler | Reg. No. 28,766 |
| Janet M. McNicholas | Reg. No. 32,918 |
| Ronald E. Larson | Reg. No. 24,478 |
| Christopher C. Winslade | Reg. No. 36,308 |
| Edward A. Mas II | Reg. No. 37,179 |
| Gregory C. Schodde | Reg. No. 36,668 |
| Edward W. Remus | Reg. No. 25,703 |
| Donald J. Pochopien | Reg. No. 32,167 |
| Sharon A. Hwang | Reg. No. 39,717 |
| David D. Headrick | Reg. No. 40,642 |
| Dean D. Small | Reg. No. 34,730 |
| Alejandro Menchaca | Reg. No. 34,389 |
| Kirk A. Vander Leest | Reg. No. 34,036 |
| Richard T. McCaulley, Jr. | Reg. No. 41,977 |
| Anthony E. Dowell | Reg. No. 39,661 |
| Peter J. McAndrews | Reg. No. 38,547 |
| Leland G. Hansen | Reg. No. 50,731 |
| James M. Hafertepe | Reg. No. 51,219 |
| Jonathan R. Sick | Reg. No. 43,920 |
| Eligio C. Pimentel | Reg. No. 42,076 |
| James P. Murphy | Reg. No. 40,741 |
| Dean A. Pelletier | Reg. No. 45,007 |
| Michael B. Harlin | Reg. No. 43,658 |
| James R. Nuttall | Reg. No. 44,978 |
| Timothy L. Hamey | Reg. No. 38,174 |
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| Scott P. McBride | Reg. No. 42,853 |
| Patricia J. McGrath | Reg. No. 44,919 |
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John Abramic
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Michael T. Cruz
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Mirut Dalal

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Reg. No. 44,049
Reg. No. 46,852
Reg. No. 48,450
Reg. No. 48,326
Reg. No. 46,442
Reg. No. 51,439
Reg. No. 44,401
Reg. No. 51,031
Reg. No. 52,119
Reg. No. 44,636
Reg. No. 50,914
Reg. No. 51,728
Reg. No. 51,486
Reg. No. 44,052

CHANGE OF CORRESPONDENCE ADDRESS

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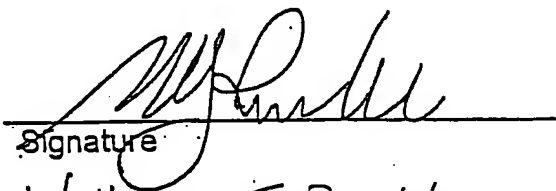
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McAndrews, Held & Malloy
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Chicago, IL 60661
(312) 775-8000

ASSIGNEE STATEMENT UNDER 37 C.F.R. § 3.73(b)

We herby state that we are the assignee of the entire right, title and interest in the patents/patent applications identified in Exhibits A and B. A copy of a previously filed Assignment document evidencing transfer of title to Broadcom Corporation is attached hereto as Exhibit C and incorporated herein in its entirety.

4/18/03

Date


Signature

William J Ruehle
(type or print name of person
authorized to sign on behalf of
assignee)

VP & CFO
Title

NOTE: The assignee of the entire interest may revoke previous powers and be represented by an attorney of his or her selection. 37 C.F.R. §1.36.

Exhibit A
Assigned Patents

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|-----------------------|------------|---------|--|------------|---|
| 36500 14431US01 | 4910794 | US | Mobile Radio Data Communication System & Method | 03/20/1990 | Ronald Mahany |
| 37139 14779US01 | 5052020 | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency-Modulated Transmissions | 09/24/1991 | Steven Koenck Ronald Mahany |
| 36500X 14382US01 | 5070536 | US | Mobile Radio Data Communication System and Method | 12/03/1991 | Guy Marvin West Ronald Sojka Mahany |
| 36767XY 14383US01 | 5202817 | US | Hand-Held Data Capture System With Interchangeable Modules | 04/13/1993 | Arvin Danielson Robert Geers William Gibbs Dennis Durbin Steven Koenck Ronald Mahany Phillip Miller George Hanson Keith Cargin, Jr. Darald Schultz Darrell Boatwright |
| 36767XZ 14439US01 | 5218187 | US | Hand-Held Data Capture System with Interchangeable Modules | 06/08/1993 | Jeffrey Krunnfusz Darald Schultz George Hanson Steven Koenck Phillip Miller |
| 37882X 14444US01 | 5295154 | US | Radio Frequency Local Area Network | 03/15/1994 | Robert Meier |
| 36767YXX 14341US01 | 5313053 | US | Laser Scanner Module Having Integral Interfacing with Hand-Held Data Capture Terminal | 05/17/1994 | George Hanson Phillip Miller Darald Schultz Jeffrey Krunnfusz Steven Koenck |
| 36767XZX 14340US01 | 5331136 | US | Hand-Held Data Capture System with Interchangeable Modules | 07/19/1994 | George Hanson Phillip Miller Darald Schultz Jeffrey Krunnfusz Steven Koenck |

| Doc. No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|-------------------------|------------|---------|---|------------|---|
| 37139XX 14803US01 | 5365546 | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions | 11/15/1994 | William Frede Ronald Mahany Steven Koenck |
| 37882YC 14777US01 | 5394436 | US | Radio Frequency Local Area Network | 02/28/1995 | Robert Meier Ronald Mahany Ronald Luse |
| 36625X 14342US01 | 4,924,462 | US | Multiterminal Communication System and Method | 01/03/1989 | Marvin Sojka |
| 36767XYA/B 14386US01 | 5418684 | US | Hand-Held Data Capture System with Interchangeable Modules | 05/23/1995 | George Hanson Steven Koenck Ronald Mahany Keith Cargin, Jr. Arvin Danielson Darald Schultz Dennis Durbin Robert Geers William Gibbs Darrell Boatwright Phillip Miller |
| 37834ZX 14402US01 | 5425051 | US | Radio Frequency Communication Network Having Adaptive Parameters | 06/13/1995 | Ronald Mahany |
| 37882XA 14400US01 | 5428636 | US | Radio Frequency Local Area Network | 06/27/1995 | Robert Meier |
| 36500XXX 14369US01 | 5483676 | US | Mobile Radio Data Communication System and Method | 01/09/1996 | Marvin Sojka Guy West Ronald Mahany |
| INT094-04 14209US01 | 5495500 | US | Homodyne Radio Architecture for Direct Sequence Spread Spectrum Data Reception | 02/27/1996 | Alan Jovanovich |
| 37972C 14233US01 | 5500872 | US | Spread Spectrum Base Band Processor | 03/19/1996 | Ronald Mahany Patrick Kinney Steven Koenck |
| 37882YAX 14773US01 | 5504746 | US | Radio Frequency Local Area Network | 04/02/1996 | Robert Meier |
| 36808XYC 14346US01 | 5515303 | US | Hand-held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation | 05/07/1996 | Darrell Boatwright William Gibbs Keith Cargin, Jr. Ronald Mahany Dennis Durbin Darald Schultz |

| Doc No | Patent No | Country | Title | Issue Date | Inventor(s) |
|-----------------------|-----------|---------|--|------------|--|
| 36767XYC 14381US01 | 5530619 | US | Hand-held Data Capture System with Interchangeable Modules and Side-Mounted Function Key | 06/25/1996 | Ronald Mahany Dennis Durbin William Gibbs George Hanson Arvin Danielson Keith Cargin, Jr. Darald Schultz Robert Geers Steven Koenck Darrell Boatwright Phillip Miller |
| 37940E 14350US01 | 5539193 | US | Modular Hand-Held Data Entry System | 07/23/1996 | Darrell Boatwright Keith Cargin, Jr. Arvin Danielson Richard Arensdorf Glen Adams Steven Koenck Dennis Durbin George Hanson Ronald Mahany Robert Geers Darald Schultz William Gibbs Phillip Miller James Hutton |
| 37940F 14779US01 | 5539194 | US | Modular Hand-Held Data Entry System | 07/23/1996 | Darald Schultz George Hanson Phillip Miller Steven Koenck Glen Adams Dennis Durbin Ronald Mahany William Gibbs Robert Geers Richard Arensdorf Arvin Danielson Keith Cargin, Jr. James Hutton Darrell Boatwright |
| 38050B 14403US01 | 5546397 | US | High Reliability Access Point for Wireless Local Area Network | 08/13/1996 | Ronald Mahany |
| 37139XXA 14783US01 | 5555276 | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency - Modulated Transmissions | 09/10/1996 | Ronald Mahany William Frede Steven Koenck |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|-------------------------|------------|---------|--|------------|---|
| INT093-49 14338US01 | 5565670 | US | Cordless RF Link for Bar Code Input Device Modulating Impulses Corresponding to Data State Transitions | 10/15/1996 | John Flaherty |
| 36767XZXX 14774US01 | 5567925 | US | Hand-Held Data Capture System with Interchangeable Modules | 10/22/1996 | Darald Schultz George Hanson Jeffrey Krumpfusz Phillip Miller Steven Koenck |
| 37998XB 14391US01 | 5574979 | US | Periodic Interference Avoidance in a Wireless Radio Frequency Communication System | 11/12/1996 | Guy West |
| 38017 14370US01 | 5590346 | US | Antenna Cap for Computer Device Utilizing a Radio Card | 12/31/1996 | Guy West Ronald Mahany |
| INT093-09C 14371US01 | 5602380 | US | Barcode Scanner-Reader Wireless Infrared Link | 02/11/1997 | Jon Bishay |
| 37967B 14392US01 | 5602854 | US | Wireless Personal Local Area Network Utilizing Removable Frequency Modules with Digital Interfaces and Idle Sense Communication Protocol | 02/11/1997 | Charles Gollnick Ronald Luse Guy West Ronald Mahany |
| INT090-05C 14399US01 | 5610595 | US | Packet Radio Communication System Protocol | 03/11/1997 | Gary Garrabrant Joseph Savarese Jay Cho |
| 38157 14404US01 | 5627412 | US | Dynamically Switchable Power Supply | 05/06/1997 | Paul Beard |
| 37998XD 14405US01 | 5657317 | US | Hierarchical Communication System using Premises, Peripheral and Vehicular Local Area Networking | 08/12/1997 | Ronald Mahany Guy West |
| 37882AXX 14375US01 | 5673031 | US | Redundant Radio Frequency Network Having a Roaming Terminal Communication Protocol | 09/30/1997 | Robert Meier |
| 37977B 14784US01 | 5679943 | US | Hand-Held Terminal with Display Screens, Interactive Screens, Magnetic Credit Card Readers, Scanners, Printers and Handlers | 10/21/1997 | John Rohde Darald Schultz Steven Koenck Mark Rasmussen |
| 36767XZAB 14786US01 | 5680633 | US | Modular, Portable Data Processing Terminal for use in a Radio Frequency Communication Network | 10/21/1997 | Patrick Kinney Guy West Steven Koenck Ronald Mahany Phillip Miller |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|------------------------|------------|---------|---|------------|---|
| 37967C 14414US01 | 5682379 | US | Wireless Personal Local Area Network | 10/28/1997 | Charles Gollnick Guy West Ronald Luse Ronald Mahany |
| 37998G 14772US01 | 5696903 | US | Hierarchical Communications System using Microlink, Data Rate Switching, Frequency Hopping and Vehicular Local Area Networking | 12/09/1997 | Ronald Mahany |
| INT094-11 14394US01 | 5703950 | US | Method and Apparatus for Controlling Country Specific Frequency Allocation | 12/30/1997 | Duane Charron Steven Duke Alan Jovanovich |
| 37834YYB 14347US01 | 5708680 | US | Network Utilizing a Controller and Base Transceivers to Route Voice Packets | 01/13/1998 | Charles Gollnick Ronald Mahany Marvin Sojka Richard Arensdorf Ronald Luse Mary Detweiler Keith Cargin, Jr. James Chossen John Pavek Amos Young Guy West Gary Spiess Arvin Danielson |
| 38000FB 14390US01 | 5708833 | US | Antenna Cap, Antenna Connectors and Telephone Line Connectors for Computer Devices Utilizing Radio and Modem Cards | 01/13/1998 | Guy West Ronald Mahany Patrick Kinney |
| 37998XG 14776US01 | 5726984 | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones | 03/10/1998 | Joseph Kubler Michael Morris |
| 38099A 14368US01 | 5734585 | US | Method and Apparatus for Sequencing Power Delivery in Mixed Supply Computer Systems | 03/31/1998 | Paul Beard |
| 37882YD 14417US01 | 5740366 | US | Communication Network Having a Plurality of Bridging Nodes which Transmit A Beam to Terminal Nodes in Power Saving State that it Has Messages Awaiting Delivery | 04/14/1998 | Ronald Mahany Ronald Luse Robert Meier |
| 36808YXCB 14440US01 | 5747786 | US | Communication Module for a Data Capture System | 05/05/1998 | Dennis Durbin Darrell Boatwright Ronald Mahany Darald Schultz Keith Cargin, Jr. |

| Doc# | Patent No. | Country | Title | Issue Date | Inventor(s) |
|-----------------------|------------|---------|--|------------|---|
| 38009EA 14373US01 | 5748619 | US | Communication Network Providing Wireless and Hard-Wired Dynamic Routing | 05/05/1998 | Robert Meier |
| 38072 14377US01 | 5748676 | US | Network Utilizing Modified Preambles that Support Antenna Diversity | 05/05/1998 | Ronald Mahany |
| 37998XE 14393US01 | 5790536 | US | Hierarchical Communication System Providing Intelligent Data, Program and Processing Migration | 08/04/1998 | Guy West Ronald Mahany Michael Morris Robert Meier Arvin Danielson |
| 36837E 14441US01 | 5805807 | US | Multilevel Data Communication System Including Local and Host Systems | 09/08/1998 | Ronald Mahany Arvin Danielson Phillip Miller Guy West Keith Cargin, Jr. George Hanson Steven Koenck Steven Salvay |
| 37834YYA 14434US01 | 5844893 | US | System for Coupling Host Computer Means with Base Transceiver Units on a Local Area Network | 12/01/1998 | Keith Cargin, Jr. Marvin Sojka Mary Detweiler Robert Geers Guy West Gary Spiess John Pavek Ronald Mahany Arvin Danielson Richard Arensdorf Amos Young Charles Gollnick James Chossen Ronald Luse |
| 37834ZXA 14234US01 | 5862171 | US | Radio Frequency Communication Network Having Adaptive Communication Parameters | 01/19/1999 | Ronald Mahany |
| 38017A 14437US01 | 5870279 | US | Antenna Cap for Computer Device Utilizing a Radio Card | 02/09/1999 | Guy West Ronald Mahany |
| 38066X 14800US01 | 5880867 | US | Infrared Backbone Communication Network Having a Radio Frequency Backup Channel | 03/09/1999 | Ronald Mahany |
| 38066A 14804US01 | 5880868 | US | Infrared Backbone Communication Network Having a Radio Frequency Backup Channel | 03/09/1999 | Ronald Mahany |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) | |
|-------------------------|------------|---------|---|------------|---|---|
| 36500YZCXA 14436US01 | 5896561 | US | Communication Network Having a Dormant Polling Protocol | 04/20/1999 | Steve Ronald | Schrader Mahany |
| 36767XYD 14385US01 | 5898162 | US | Hand-Held Data Capture System with Interchangeable Module | 04/27/1999 | Dennis Darrell William Robert George Phillip Steven Ronald Keith Arvin Darald | Durbin Boatwright Gibbs Geers Hanson Miller Koenck Mahany Cargin, Jr. Danielson Schultz |
| INT096-32 14395US01 | 5912921 | US | Concurrent Multiple Data Rate Communications in a Wireless Local Area Network | 06/15/1999 | John Alan | Mensonides Jovanovich |
| 37139XXB 14435US01 | 5912926 | US | Method and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions | 06/15/1999 | Ronald Steven William | Mahany Koenck Frede |
| 37940G 14432US01 | 5917175 | US | Modular Hand-Held Data Entry System with Voice Interface | 06/29/1999 | Ronald Steven George William Arvin Darrell Dennis Phillip Darald Keith Robert | Mahany Koenck Hanson Gibbs Danielson Boatwright Durbin Miller Schultz Cargin, Jr. Geers |
| INT094-11C 14390US01 | 5940509 | US | Method and Apparatus for Controlling Country Specific Frequency Allocation | 08/17/1999 | Steven Duane Alan | Duke Charron Jovanovich |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|------------------------|------------|---------|--|------------|---|
| 37834XXBX 14413US01 | 5940771 | US | Network Supporting Roaming, Sleeping Terminals | 08/17/1999 | Mary Detweiler Guy West Ronald Luse Keith Cargin, Jr. Richard Arensdorf Ronald Mahany Robert Meier Robert Geers Charles Gollnick James Chossen Arvin Danielson Gary Spiess Marvin Sojka John Pavak Amos Young |
| INT096-30 14384US01 | 5946344 | US | Multiple-Rate Direct Sequence Architecture Utilizing a Fixed Chipping Rate and Variable Spreading Code Lengths | 08/31/1999 | Alan Jovanovich John Mensonides Duane Charron |
| 37998XDA 14412US01 | 5949776 | US | Hierarchical Communication System using Premises, Peripheral and Vehicular Local Area Networking | 09/07/1999 | Ronald Mahany Guy West |
| 38050BAY 14397US01 | 5960344 | US | Local Area Network Having Multiple Channel Wireless Access | 09/28/1999 | Ronald Mahany |
| INT096-25 14372US01 | 5982812 | US | Method and Apparatus for Monitoring Frequency Synthesizer Locking Time | 11/09/1999 | John Mensonides Alan Jovanovich |
| 38190R 14343US01 | 5990733 | US | Delay Line Ramp Demodulator | 11/23/1999 | Ronald Mahany Tom Schuster |
| 38000EA 14802US01 | 5991864 | US | Power Connectors, Antenna Connectors and Telephone Line Connectors for Computer Devices Utilizing Radio and Modem Cards | 11/23/1999 | John Mallard Ronald Mahany Patrick Kinney |
| INT097-06 14212US01 | 6005530 | US | Switched Gain Antenna for Enhanced System Performance | 12/21/1999 | John Mensonides Alan Jovanovich |
| INT095-35 14401US01 | 6005885 | US | Methodology for Discontinuous Radio Reception Utilizing Embedded Frame Length Words | 12/21/1999 | Alan Jovanovich John Mensonides |

| Doc# | Patent No. | Country | Title | Issue Date | Inventor(s) |
|--------------------------|------------|---------|---|------------|--|
| 36649XZC 14433US01 | 6006100 | US | Multi-Level, Hierarchical Radio-Frequency Communication System | 12/21/1999 | Steven Salvay George Hanson Keith Cargin, Jr. Arvin Danielson Steven Koenck Phillip Miller Ronald Mahany Guy West |
| INT096-29 14210US01 | 6009119 | US | Adaptive Power Leveling of an RF Transceiver Utilizing Information Stored in Non-Volatile Memory | 12/28/1999 | John Mensonides Alan Jovanovich |
| 36767XZAC 14415US01 | 6014705 | US | Modular Portable Data Processing Terminal Having A Higher Layer and Lower Layer Partitioned Communication Protocol Stack for use in a Radio Frequency Communication Network | 01/11/2000 | Guy West Patrick Kinney Steven Koenck Ronald Mahany Phillip Miller |
| 38072A 14213US01 | 6018555 | US | Network Utilizing Modified Preambles that Support Antenna Diversity | 01/25/2000 | Ronald Mahany |
| 36808YXCD 14775US01 | 6023147 | US | Hand-Held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation | 02/08/2000 | Darrell Boatwright Darald Schultz Keith Cargin, Jr. Dennis Durbin Ronald Mahany William Gibbs |
| 37882YAYA 14389US01 | 6046992 | US | A Radio Frequency Local Area Network | 04/04/2000 | Robert Meier Ronald Luse |
| INT096-31 14438US01 | 6075807 | US | Windowed Digital Matched Filter Circuit for Power Reduction in Battery-Powered CDMA Radios | 06/13/2000 | John Mensonides Alan Jovanovich |
| 37882XBA 14387US01 | 6084867 | US | Apparatus and Method of Routing Data in a Radio Frequency Local Area Network | 07/04/2000 | Robert Meier |
| INT094-03C2 14388US01 | 6118807 | US | Methodology For Received Signal Enhancement Utilizing Delay Diversity Processing | 09/12/2000 | Alan Jovanovich Bruce WARREN Frank PERGAL |
| 38340R1 14416US01 | 6172712 | US | Television with Hard Disk Drive | 01/09/2001 | Paul Beard |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) | |
|------------------------|------------|---------|--|------------|---|---|
| 36837EA 14380US01 | 6192400 | US | Multilevel Data Communication System Including Local and Host Systems | 02/20/2001 | Guy Steven Ronald Arvin Phillip George Steven Keith | West Salvay Mahany Danielson Miller Hanson Koenck Cargin, Jr. |
| 36767XYE 14351US01 | 6244512 | US | Hand-Held Data Capture System with Interchangeable Modules | 06/12/2001 | Arvin Ronald Darald Phillip Steven Darrell George Keith Robert William Dennis | Danielson Mahany Schultz Miller Koenck Boatwright Hanson Cargin, Jr. Geers Gibbs Durbin |
| 38234RX 14780US01 | 6281850 | US | Broadband Multiple Element Antenna System | 08/28/2001 | Daniel | Klostermann |
| INT097-02 14439US01 | 6320896 | US | RF Receiver Having Frequency- Hopping/Direct-Sequence Spread Spectrum Signal Discrimination | 11/20/2001 | Alan John | Jovanovich Mensonides |
| INT097-03 14396US01 | 6327312 | US | RF Narrowband/Wideband Discriminating System for Spread Spectrum Signal Differentiation | 12/04/2001 | Alan John | Jovanovich Mensonides |
| 37967CA 14427US01 | 6359872 | US | Wireless Personal Local Area Network | 03/19/2002 | Ronald Guy Charles Ronald | Mahany West Gollnick Luse |
| 37882YE 14374US01 | 6374311 | US | Radio Frequency Local Area Network | 04/16/2002 | Ronald Ronald Robert | Mahany Luse Meier |
| 37998XGA 14379US01 | 6389010 | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones | 05/14/2002 | Joseph Michael | Kubler Morris |
| 37882XBB | 6400702 | US | A Radio Frequency Local Area Network | 06/04/2002 | Robert | Meier |

| Docket No. | Patent No. | Country | Title | Issue Date | Inventor(s) |
|-----------------------|------------|---------|---|------------|--------------|
| 38009EBA 14344US01 | 6407991 | US, | Communication Network Providing Wireless and Hard-Wired Dynamic Routing | 06/18/2002 | Robert Meier |

Exhibit B

Assigned Patent Applications

| Docket No. | Serial No. | Country | Title | Filing Date | Inventor(s) |
|------------------------|------------|---------|--|-------------|---|
| 36500ZXD 14419US01 | 10/057816 | US | Remote Radio Data Communication System with Data Rate Switching | 01/24/2002 | Ronald Mahany |
| 38127 14425US01 | 08/513658 | US | Modular, Portable Data Processing Terminal For use in a Communication Network | 08/11/1995 | Phillip Miller Robert Meier Ronald Mahany Patrick Kinney Steven Koenck |
| 38050BB 14418US01 | 09/357429 | US | Local Area Network Having Multiple Channel Wireless Access | 07/20/1999 | Ronald Mahany |
| 38157XA 14421US01 | 09/735406 | US | Battery Powered Device with Dynamic Power and Performance Management | 12/12/2000 | Paul Beard |
| 37882AAYC 14420US01 | 09/960265 | US | Redundant Radio Frequency Network Having a Roaming Terminal Communication Protocol | 09/21/2001 | Robert Meier |
| 38163AY 14211US01 | 08/973195 | US | Spread Spectrum Transceiver Module Utilizing Multiple Mode Transmission | 03/06/2000 | Ronald Mahany |
| 37967X 14426US01 | 08/499328 | US | Transaction Control System Including Portable Data Terminal and Mobile Customer Service Station | 07/07/1995 | George Hanson Roger Wolf Robert Meier Ronald Mahany Phillip Miller Steven Koenck |
| 38000FBA 14208US01 | 09/006566 | US | Antenna Cap, Antenna Connectors and Telephone Line Connectors for Computer Utilizing Radio and Modem Cards | 01/13/1998 | Guy West Ronald Mahany Patrick Kinney |
| 37998XEB 14409U01 | 09/723930 | US | Hierarchical Communications System | 11/28/2000 | Ronald Mahany |

| Doc# | Serial No. | Country | Title | Filing Date | Inventor(s) |
|------------------------------------|------------|---------|--|-------------|---|
| 379673XA 14204US01 | 09/123875 | US | Enhanced Mobility and Address Resolution in a Wireless Premises Based Network | 07/28/1998 | Steven Salvay Ronald Mahany Steven Koenck Charles Gollnick George Hanson Roger Wolf Guy West Ronald Luse Keith Cargin, Jr. Arvin Danielson Phillip Miller Robert Meier |
| 37834YY1 14408US01 | 09/972749 | US | System for Coupling a Multiplicity of RF Data Collection Terminals with Host Computer Means | 10/08/2001 | Ronald Mahany Ronald Luse Amos Young Guy West Marvin Sojka Charles Gollnick Robert Geers Mary Detweiler Arvin Danielson James Chossen Keith Cargin, Jr. Richard Arensdorf John Pavek Gary Spiess |
| 37834ZXC 14422US01 14422US02 | 09/799340 | US | Radio Frequency Communication Network Having Adaptive Communication Parameters | 03/05/2001 | Ronald Mahany |
| 36649XZD 14423US01 | 09/467255 | US | Multi-Level, Hierarchical Radio-Frequency Communication System | 12/20/1999 | Keith Cargin, Jr. Phillip Miller Ronald Mahany Steven Salvay Steven Koenck George Hanson Guy West Arvin Danielson |
| 36767XZAE 14410US01 | 09/597917 | US | Modular Portable Data Processing Terminal for use in a Radio Frequency Communication Network | 06/19/2000 | Steven Koenck Guy West Ronald Mahany Phillip Miller Patrick Kinney |
| 37882YAYB 14771US01 | 09/542424 | US | A Radio Frequency Local Area Network | 04/04/2000 | Robert Meier |

| Docket No. | Serial No. | Country | Title | Filing Date | Inventor(s) |
|------------------------|------------|---------|--|-------------|---|
| 38477RX 14424US01 | 09/954520 | US | Integrated Cable Modem and Cable Television Management System | 09/17/2001 | Daniel Bishop Michael Morris |
| 37967CAA 14407US01 | 10/101436 | US | Wireless Personal Local Area Network | 03/19/2002 | Charles Gollnick Ronald Mahany Guy West Ronald Luse |
| 37882YEA 14406US01 | 10/123873 | US | Radio Frequency Local Area Network | 04/16/2002 | Ronald Luse Robert Meier Ronald Mahany |
| 37998XGB 14364US01 | 10/141506 | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones | 05/08/2002 | Michael Morris Joseph Kubler |
| 37882XBC 14236US01 | 10/162229 | US | Radio Frequency Local Area Network | 06/04/2002 | Robert Meier |
| 38009EBB 14207US01 | 10/144250 | US | Communication Network Providing Wireless and Hard- Wired Dynamic Routing | 05/13/2002 | Robert Meier |
| 37834XXBY 14206US01 | 09/318668 | US | Network Supporting Roaming, Sleeping Terminals | 05/25/1999 | Ronald Mahany Ronald Luse Amos Young Guy West Marvin Sojka Charles Gollnick Robert Geers Mary Detweiler Arvin Danielson James Chossen Keith Cargin, Jr. Richard Arensdorf John Pavek Gary Spiess Robert Meier |
| 36808XYE 14231US01 | 08/921485 | US | Hand-Held Computerized .. Data Collection Terminal | ... | Alfred Koelle Jeremy Landt |

| | | | | | |
|-----------|---------------|--|----------|---------|------------|
| 36767XB | 08/478,488 US | Hand-Held Data Capture | 06/07/95 | Steven | Koenck |
| 14366US01 | | System with Interchangeable Modules | | Phillip | Miller |
| | | | | Arvin | Danielson |
| | | | | Ronald | Mahany |
| | | | | Dennis | Durbin |
| | | | | Keith | Cargin |
| | | | | George | Hanson |
| | | | | Darald | Schultz |
| | | | | Robert | Geers |
| | | | | Darrel | Boatwright |
| | | | | William | Gibbs |
| | | | | Stephen | Kelly |
| 38477R1 | 09/805,589 US | Integrated Cable Modem and | 03/13/01 | Daniel | Bishop |
| 14411US01 | | Cable Television | | Michael | Morris |
| | | Management System | | | |
| | | | | | (a) |

Exhibit C

ASSIGNMENT

THIS ASSIGNMENT is made and effective as of the 24th day of December, 2002, by INTERMEC IP CORP. (hereinafter referred to as the "ASSIGNOR"), a company organized and existing under the laws of Delaware, having a principal place of business at 21900 Burbank Boulevard, Woodland Hills, CA 91367.

WITNESSETH

WHEREAS, said ASSIGNOR is the owner of the entire right, title and interest in and to the Patent Applications and Patents in the United States of America and other foreign countries, set forth in Attachment A hereto;

WHEREAS, BROADCOM CORPORATION, a company organized and existing under the laws of Delaware, having a principal place of business at 16215 Alston Parkway, Irvine, California 92619, (the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to such Patents Applications and Patents, both from the United States and foreign.

Now therefore, in exchange for receipt of good and sufficient consideration, the receipt and sufficiency of which is hereby acknowledged, and as agreed to by the ASSIGNEE and ASSIGNOR, ASSIGNOR hereby assigns and transfers to ASSIGNEE and ASSIGNEE accepts, all of the rights, title and interest of ASSIGNOR throughout the World in and to any and all inventions claimed or disclosed in such Patents and Patent Applications which are set forth and listed in Attachment A hereto.

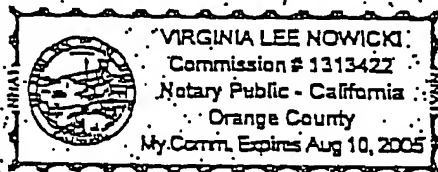
This Assignment includes all of ASSIGNOR's right, title and interest in, to and under each of the Patent Applications and Patents set forth and listed in Attachment A hereto (including, without limitation, rights to damages and payments for past, present or future infringements or misappropriations); and, as agreed between the parties, all continuations, continuations-in-part, divisionals, substitute, reexaminations, post-opposition foreign counterpart patents, and applications, reissues and extensions thereof, if any; and, ASSIGNOR requests the Commissioner of Patents of the United States (and all foreign officials, whose duty it is to issue patents on applications as aforesaid) to record ASSIGNEE as the owner of such Patent or Application, to the same extent as held by ASSIGNOR, and to issue the Letters Patent for said Patents to be in the name of the said ASSIGNEE, as an assignee of the Patents.

County of Orange)
) ss.
State of California)

On January 17, 2003, before me, Virginia Lee Nowicki, Notary Public personally
appeared William J Ruehle, personally known to me to be the person whose name is
subscribed to the within instrument and acknowledged to me that ~~he~~she executed the same in
~~his~~her authorized capacity, and that by ~~his~~her signature on the instrument, the entity upon
behalf of which ~~he~~she acted, executed the instrument.

WITNESS my hand and official seal:

Virginia Lee Nowicki
NOTARY PUBLIC



ATTACHMENT A

| Docket No. | Parent No. | Serial No. | Country | Title |
|------------|------------|---------------|---------|--|
| 36500 | 4910794 | | US | Mobile Radio Data Communication System & Method |
| 36500ZXD | | 10/057816 | US | Remote Radio Data Communication System with Data Rate Switching |
| 36625X | 4924462 | | US | Multiterminal Communication System and Method |
| 37139 | 5052020 | | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency-Modulated Transmissions |
| 37139X/CA | 2074169 | | CA | Method of and Apparatus For Controlling Modulation of Digital Signals in Frequency-Modulated Transmissions |
| 36500X | 5070536 | | US | Mobile Radio Data Communication System and Method |
| | 1316218 | | CA | Mobile Radio Data Communication System and Method |
| | 2223914 | | GB | Mobile Radio Data Communication System and Method |
| 36767XY | 5202817 | | US | Hand-Held Data Capture System With Interchangeable Modules |
| 36767XZ | 5218187 | | US | Hand-Held Data Capture System with Interchangeable Modules |
| | 678135 | | AU | Hand-Held Data Capture System with Interchangeable Modules |
| | 69231057.6 | | DE | Hand-Held Data Capture System with Interchangeable Modules |
| | 573567 | | GB | Hand-Held Data Capture System with Interchangeable Modules |
| | | 2104788 | CA | Hand-Held Data Capture System with Interchangeable Modules |
| | 573567 | | FR | Hand-Held Data Capture System with Interchangeable Modules |
| 37882X | 5295154 | | US | Radio Frequency Local Area Network |
| 36767YXX | 5313053 | | US | Laser Scanner Module Having Integral Interfacing with Hand-Held Data Capture Terminal |
| 36767XZX | 5331136 | | US | Hand-Held Data Capture System with Interchangeable Modules |
| 38127 | | 08/513658 | US | Modular, Portable Data Processing Terminal For use in a Communication Network |
| 37139XX | 5365546 | | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions |
| 37882YC | 5394436 | | US | Radio Frequency Local Area Network |
| 36767XB | | 08/478488 | US | Hand-Held Data Capture System with Interchangeable Modules |
| 36767XYA | 5418684 | | US | Hand-Held Data Capture System with Interchangeable Modules |
| 37834ZX | 5425051 | | US | Radio Frequency Communication Network Having Adaptive Parameters |
| 37882XA | 5428636 | | US | Radio Frequency Local Area Network |
| 36500XXX | 5483676 | | US | Mobile Radio Data Communication System and Method |
| INT094-04 | 5495500 | | US | Homodyne Radio Architecture for Direct Sequence Spread Spectrum Data Reception |
| 37972C | 5500872 | | US | Spread Spectrum Base Band Processor |

| Docket No. | Patent No. | Serial No. | Country | Title |
|------------|------------|------------|---------|--|
| 37882YAX | 5504746 | | US | Radio Frequency Local Area Network |
| EDN | | 02012917.7 | EP | Radio Frequency Local Area Network |
| 37882YPCT | | | | |
| | 664864 | | AU | Radio Frequency Local Area Network |
| | 701114 | | AU | Radio Frequency Local Area Network |
| 36808XYC | 5515303 | | US | Hand-held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation |
| 36808XYE | | 08/921485 | US | Hand-Held Computerized Data Collection Terminal |
| 36767XYC | 5530619 | | US | Hand-held Data Capture System with Interchangeable Modules and Side-Mounted Function Key |
| 37940E | 5539193 | | US | Modular Hand-Held Data Entry System |
| 37940F | 5539194 | | US | Modular Hand-Held Data Entry System |
| 38050B | 5546397 | | US | High Reliability Access Point for Wireless Local Area Network |
| 38050BB | | 09/357429 | US | Local Area Network Having Multiple Channel Wireless Access |
| 37139XXA | 5555276 | | US | Method of and Apparatus for Controlling Modulation of Digital Signals in Frequency - Modulated Transmissions |
| INT093-49 | 5565670 | | US | Cordless RF Link for Bar Code Input Device Modulating Impulses Corresponding to Data State Transitions |
| 36767XZXX | 5567925 | | US | Hand-Held Data Capture System with Interchangeable Modules |
| 37998XB | 5574979 | | US | Periodic Interference Avoidance in a Wireless Radio Frequency Communication System |
| 38017 | 5590346 | | US | Antenna Cap for Computer Device Utilizing a Radio Card |
| INT093-09C | 5602380 | | US | Barcode Scanner-Reader Wireless Infrared Link |
| 37967B | 5602854 | | US | Wireless Personal Local Area Network Utilizing Removable Frequency Modules with Digital Interfaces and Idle Sense Communication Protocol |
| INT090-05C | 5610595 | | US | Packet Radio Communication System Protocol |
| 38157 | 5627412 | | US | Dynamically Switchable Power Supply |
| 38157XA | | 09/735406 | US | Battery Powered Device with Dynamic Power and Performance Management |
| 37998XD | 5657317 | | US | Hierarchical Communication System Using Premises, Peripheral and Vehicular Local Area Networking |
| 37882AXX | 5673031 | | US | Redundant Radio Frequency Network Having a Roaming Terminal Communication Protocol |
| 37882AAYC | | 09/960265 | US | Redundant Radio Frequency Network Having a Roaming Terminal Communication Protocol |
| 37977B | 5679943 | | US | Hand-Held Terminal with Display Screens, Interactive Screens, Magnetic Credit Card Readers, Scanners, Printers and Handlers |
| 36767XZAB | 5680633 | | US | Modular, Portable Data Processing Terminal for use in a Radio Frequency Communication Network |

| Docket No. | Patent No. | Serial No. | Country | Title |
|------------|------------|------------|---------|---|
| 38163AY | | 08/973195 | US | Spread Spectrum Transceiver Module Utilizing Multiple Mode Transmission |
| 37967C | 5682379 | | US | Wireless Personal Local Area Network |
| | 696841 | | AU | Wireless Personal Local Area Network |
| | | 2152598 | CA | Wireless Personal Local Area Network |
| | | 94905966.1 | EP | Wireless Personal Local Area Network |
| 37967X | | 08/499328 | US | Transaction Control System Including Portable Data Terminal and Mobile Customer Service Station |
| 37998G | 5696903 | | US | Hierarchical Communications System using Microlink, Data Rate Switching, Frequency Hopping and Vehicular Local Area Networking |
| INT094-11 | 5703950 | | US | Method and Apparatus for Controlling Country Specific Frequency Allocation |
| 37834YYB | 5708680 | | US | Network Utilizing a Controller and Base Transceivers to Route Voice Packets |
| 38000FB | 5708833 | | US | Antenna Cap, Antenna Connectors and Telephone Line Connectors for Computer Devices Utilizing Radio and Modem Cards |
| 38000FBA | | 09/006566 | US | Antenna Cap, Antenna Connectors and Telephone Line Connectors for Computer Utilizing Radio and Modem Cards |
| 37998XG | 5726984 | | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones |
| 38099A | 5734585 | | US | Method and Apparatus for Sequencing Power Delivery in Mixed Supply Computer Systems |
| 37882YD | 5740366 | | US | Communication Network Having a Plurality of Bridging Nodes which Transmit A Beam to Terminal Nodes in Power Saving State that it Has Messages Awaiting Delivery |
| 36808YXCB | 5747786 | | US | Communication Module for a Data Capture System |
| 38009EA | 5748619 | | US | Communication Network Providing Wireless and Hard-Wired Dynamic Routing |
| | 679593 | | AU | Communication Network Providing Wireless and Hard-Wired Dynamic Routing |
| 38000G/EP | | 94916663.1 | EP | Multiple Antenna Selection and Antenna Cap for Computer Devices Utilizing Radio and Modem Cards |
| 38072 | 5748676 | | US | Network Utilizing Modified Preambles that Support Antenna Diversity |
| 37998XE | 5790536 | | US | Hierarchical Communication System Providing Intelligent Data, Program and Processing Migration |
| | 700800 | | AU | Hierarchical Communication System Providing Intelligent Data, Program and Processing Migration |
| | 715628 | | AU | Hierarchical Communication System Providing Intelligent Data, Program and Processing Migration |
| 37998XE/EP | | 95927421.8 | EP | Hierarchical Communication System Providing Intelligent Data Program |

| Docket No. | Patent No. | Serial No. | Country | Title |
|---------------------|------------|----------------------|---------|--|
| | | | | and Processing Migration |
| 37998XEB | | 09/723930 | US | Hierarchical Communications System |
| 37998XEA | | 09/723930 | US | Enhanced Mobility and Address Resolution in a Wireless Premises Based Network |
| 36837E | 5805807 | | US | Multilevel Data Communication System Including Local and Host Systems |
| 37834YYA | 5844893 | | US | System for Coupling Host Computer Means with Base Transceiver Units on a Local Area Network |
| 37834YYI | | 09/972749 | US | System for Coupling a Multiplicity of RF Data Collection Terminals with Host Computer Means |
| 37834ZXA | 5862171 | | US | Radio Frequency Communication Network Having Adaptive Communication Parameters |
| 37834ZXC | | 09/799340 | US | Radio Frequency Communication Network Having Adaptive Communication Parameters |
| 38017A | 5870279 | | US | Antenna Cap for Computer Device Utilizing a Radio Card |
| 38066X | 5880867 | | US | Infrared Backbone Communication Network Having a Radio Frequency Backup Channel |
| 38066A | 5880868 | | US | Infrared Backbone Communication Network Having a Radio Frequency Backup Channel |
| 36500YZCXA | 5896561 | | US | Communication Network Having a Dormant Polling Protocol |
| 36767XYD | 5898162 | | US | Hand-Held Data Capture System with Interchangeable Module |
| INT096-32 | 5912921 | | US | Concurrent Multiple Data Rate Communications in a Wireless Local Area Network |
| 37139XXB | 5912926 | | US | Method and Apparatus for Controlling Modulation of Digital Signals in Frequency Modulated Transmissions |
| 37940G | 5917175 | | US | Modular Hand-Held Data Entry System with Voice Interface |
| INT094-11C | 5940509 | | US | Method and Apparatus for Controlling Country Specific Frequency Allocation |
| 37834XXBX | 5940771 | | US | Network Supporting Roaming, Sleeping Terminals |
| 37834XXBY | | 09/318668 | US | Network Supporting Roaming, Sleeping Terminals |
| INT096-30 | 5946344 | | US | Multiple-Rate Direct Sequence Architecture Utilizing a Fixed Chipping Rate and Variable Spreading Code Lengths |
| INT 096-30JP | | 10-542772 | JP | Multiple-Rate Direct Sequence Architecture Utilizing a Fixed Chipping Rate and Variable Spreading Code Lengths |
| 37998XDA | 5949776 | | US | Hierarchical Communication System using Premises, Peripheral and Vehicular Local Area Networking |
| 38050BAY | 5960344 | | US | Local Area Network Having Multiple Channel Wireless Access |
| INT096-25 | 5982812 | | US | Method and Apparatus for Monitoring Frequency Synthesizer Locking Time |
| 38190R | 5990733 | | US | Delay Line Ramp Demodulator |
| 38000EA | 5991864 | | US | Power Connectors, Antenna Connectors and Telephone Line Connectors |

| Docket No. | Patent No. | Serial No. | Country | Title |
|------------|------------|------------|---------|---|
| | | | | for Computer Devices Utilizing Radio and Modem Cards |
| INT097-06 | 6005530 | | US | Switched Gain Antenna for Enhanced System Performance |
| INT095-35 | 6005885 | | US | Methodology for Discontinuous Radio Reception Utilizing Embedded Frame Length Words |
| 36649XZC | 6006100 | | US | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | | 96116280.7 | EP | |
| | 641541 | | AU | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | GB | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | DE | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | ES | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | FR | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | IT | Multi-Level, Hierarchical Radio-Frequency Communication System |
| | 494298 | | NL | Multi-Level, Hierarchical Radio-Frequency Communication System |
| 36649XZD | | 09/467255 | US | Multi-Level, Hierarchical Radio-Frequency Communication System |
| INT096-29 | 6009119 | | US | Adaptive Power Leveling of an RF Transceiver Utilizing Information Stored in Non-Volatile Memory |
| 36767XZAC | 6014705 | | US | Modular Portable Data Processing Terminal Having A Higher Layer and Lower Layer Partitioned Communication Protocol Stack for use in a Radio Frequency Communication Network |
| 36767XZAE | | 09/597917 | US | Modular Portable Data Processing Terminal for use in a Radio Frequency Communication Network |
| 38072A | 6018555 | | US | Network Utilizing Modified Preambles that Support Antenna Diversity |
| 36808YXCD | 6023147 | | US | Hand-Held Computerized Data Collection Terminal with Rechargeable Battery Pack Sensor and Battery Power Conservation |
| 37882YAYA | 6046992 | | US | A Radio Frequency Local Area Network |
| 37882YAYB | | 09/542424 | US | A Radio Frequency Local Area Network |
| INT096-31 | 6075807 | | US | Windowed Digital Matched Filter Circuit for Power Reduction in Battery-Powered CDMA Radios |
| 37882XBA | 6084867 | | US | Apparatus and Method of Routing Data in a Radio Frequency Local Area Network |
| 36837EA | 6192400 | | US | Multilevel Data Communication System Including Local and Host Systems |
| 36767XYE | 6244512 | | US | Hand-Held Data Capture System with Interchangeable Modules |
| 38234RX | 6281850 | | US | Broadband Multiple Element Antenna System |
| INT097-02 | 6320896 | | US | RF Receiver Having Frequency-Hopping/Direct-Sequence Spread Spectrum Signal Discrimination |
| INT097-03 | 6327312 | | US | RF Narrowband/Wideband Discriminating System for Spread Spectrum Signal Differentiation |
| 37967CA | 6359872 | | US | Wireless Personal Local Area Network |

| Docket No. | Patent No. | Serial No. | Country | Title |
|------------|------------|------------|---------|---|
| 37967CAA | | 10/101436 | US | Wireless Personal Local Area Network |
| 37882YE | 6374311 | | US | Radio Frequency Local Area Network |
| 37882YEA | | 10/123873 | US | Radio Frequency Local Area Network |
| 37998XGA | 6389010 | | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones |
| 37998XGB | | 10/141506 | US | Hierarchical Data Collection Network Supporting Packetized Voice Communications Among Wireless Terminals and Telephones |
| 37882XBB | 6400702 | | US | A Radio Frequency Local Area Network |
| 37882XBC | | 10/162229 | US | Radio Frequency Local Area Network |
| 38009EBA | 6407991 | | US | Communication Network Providing Wireless and Hard-Wired Dynamic Routing |
| 38009EBB | | 10/144250 | US | Communication Network Providing Wireless and Hard-Wired Dynamic Routing |